



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Walter
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Terminal
Disclaimer
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Applicant : Dean BOYD et al.
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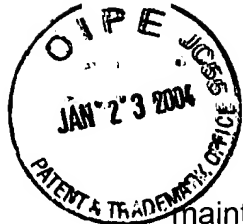
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TERMINAL DISCLAIMER

Sir:

Manugistics Atlanta, Inc., of Rockville, Maryland, the owner of a **100 (%)** **percent** interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 and 173 as shortened by any terminal disclaimer filed prior to the grant of any patent granted on pending second **U.S. Application Number 09/517,783**, filed on **March 3, 2000**, of any patent on the pending second application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the second application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of any patent granted on the second application, as shortened by any terminal disclaimer filed prior to the patent grant, in the event that any such granted patent: expires for failure to pay a



maintenance fee, is held unenforceable, is found invalid by claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Terminal disclaimer fee of \$110.00 under 37 C.F.R. 1.20(d) is included. The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1349.

Respectfully submitted,

Dated: January 23, 2004

HOGAN & HARTSON L.L.P.
555 13th Street, N.W.
Washington, D.C. 20004
Telephone: 202-637-5600
Facsimile: 202-637-5910
Customer No. 24633

By: 
Celine Jimenez Crowson
Registration No. 40,357

Ajit J. Vaidya
Registration No. 43,214

David D. Nelson
Registration No. 47,818